

## Message Text

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ACTION IO-14

INFO OCT-01 NEA-10 ISO-00 COME-00 OES-07 ACDA-12 NSF-02

EB-08 NASA-02 OTP-00 AF-10 ARA-14 EA-12 EUR-12

SP-02 L-03 CIAE-00 DODE-00 INR-07 NSAE-00 PA-02

USIA-15 PRS-01 BIB-01 /135 W

-----008473 030946Z /15

R 021615Z FEB 78

FM USMISSION GENEVA

TO SECSTATE WASHDC 5441

INFO AMEMBASSY NEW DELHI

UNCLAS GENEVA 01585

DEPT PASS ALSO TO N.E. JOHNSON, IA, NOAA.

E.O. 11652: N/A

TAGS: WMO, ICSU, MARISAT, MONEX, INTELSAT, ITU

SUBJECT: USE OF MARISAT DURING WMO/ICSU GLOBAL WEATHER  
EXPERIMENT (FGGE)

1. DISCUSSIONS ARE TAKING PLACE BETWEEN WMO AND ITU STAFFS REGARDING POTENTIAL FOR USE OF INTELSAT CHANNELS FOR COMMUNICATION BETWEEN MONEX (MONSOON EXPERIMENT) OPERATIONS CENTER IN NEW DELHI, DEDICATED RESEARCH SHIPS, AND US AIRCRAFT OPERATIONS CENTERS PARTICIPATING IN THE EXPERIMENT. SUGGESTION WAS MADE THAT MARISAT MIGHT BE MORE SUITABLE MEANS FOR SUCH COMMUNICATIONS. THIS MESSAGE IS TO POSE THE QUESTION AND SEEK GUIDANCE FOR WMO AND MONEX EXPERTS ON WHAT STEPS MIGHT BE TAKEN TO EXPLORE THESE TWO COMMUNICATIONS POTENTIALS.

2. REQUIREMENT IS FOR DEDICATED SATELLITE CHANNEL(S) FOR IRREGULAR BUT FREQUENT COMMUNICATIONS WITH SHIPS AND PORT STATIONS INVOLVED IN THE MONEX DURING THE PERIOD DEC. 1978 TO OCT. 1979. CHANNEL(S) SHOULD PROVIDE FOR VOICE, TELETYPE AND FACSIMILE (ANALOGUE) TYPE TWO-WAY TRANSMISSIONS,  
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THROUGHOUT THE 24 HOURS. SHIPS FOR THIS EXPERIMENT ARE BEING PROVIDED BY USSR, USA AND UNITED KINGDOM. IT IS ASSUMED AT THIS STAGE OF DISCUSSIONS THAT ALL WOULD BE EQUIPPED WITH SUITABLE RADIO CHANNELS TO COMMUNICATE WITH THE MARISAT, ALTHOUGH THIS FACT WILL NEED FULL STUDY BEFORE ANY FIRM REQUESTS ARE MADE.

3. THIS IS AN INTERNATIONAL EXPERIMENT BEING PLANNED AND MANAGED BY JOINT GROUPS UNDER THE WORLD METEOROLOGICAL ORGANIZATION, WITH HEADQUARTERS IN GENEVA, AND THE INTERNATIONAL COUNCIL OF SCIENTIFIC UNIONS, WITH SECRETARIAT HEADQUARTERS IN PARIS. ALL MEMBERS OF THE WMO ARE IN PRINCIPLE PARTICIPATING IN SUPPORT OF THE EXPERIMENT, WITH CERTAIN MEMBERS PROVIDING SPECIAL EQUIPMENT, SERVICES AND STAFF. THE ORGANIZATION OF THE EXPERIMENT IS UNDER THE GENERAL DIRECTION OF THE INTERGOVERNMENTAL PANEL FOR THE FGGE, OF WHICH THE US IS AN ACTIVE MEMBER.

4. SINCE THE MARISAT IS PRIMARILY A US SATELLITE UNDER US MANAGEMENT, IT IS ASSUMED THAT DECISIONS REGARDING THE TYPE OF USE PROPOSED IN THE FOREGOING SHOULD FIRST BE ADDRESSED TO THE US POLICY OFFICE FOR MARISAT. IT WOULD BE MOST USEFUL IF GUIDANCE ON THE POTENTIAL FOR USE OF THE MARISAT VS INTELSAT, CONDITIONS UNDER WHICH SUCH USE COULD BE MADE, AND THE PROCEDURES THAT SHOULD BE FOLLOWED IN PURSUING THE MATTER FURTHER, COULD BE AVAILABLE IN TIME FOR A MEETING OF THE 4TH PLANNING GROUP FOR MONEX IN KUALA LUMPUR 22, 23 AND 24 FEBRUARY. SORENSON

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## Message Attributes

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**Concepts:** COMMUNICATION SATELLITES  
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**Review Markings:**  
Sheryl P. Walter  
Declassified/Released  
US Department of State  
EO Systematic Review  
20 Mar 2014  
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